

Appl. No. 10/011,029
Amdt. dated 02/09/2006
Reply to Office Action of 08/09/2005

Amendments to the Drawings:

The attached four sheets of drawings include changes to Figs. 1-4. These sheets, which include Fig. 1-4, replace the original four sheets including Fig. 1-4.

Attachment: 4 Replacement Sheets

Appl. No. 10/011,029
Amdt. dated 02/09/2006
Reply to Office Action of 08/09/2005

REMARKS

This Amendment is in response to the Final Office Action mailed 08/09/2005. Applicant has filed a Request for Continued Examination to have the Office withdraw the finality of the Office Action and have this submission entered and considered. In the Office Action, the Examiner objected to the drawings, rejected claims 1-9, 11-14, 16, 18, and 20 under 35 U.S.C. § 102, and rejected claims 10, 15 and 19 under 35 U.S.C. § 103. Reconsideration in light of the amendments and remarks made herein is respectfully requested.

Drawings

2. The Examiner objects to the amended drawings because the Examiner considers them still confusing to one of ordinary skill in the art. Applicant has simplified Figures 1-4 on the four sheets of replacement drawings attached.

Claim Rejections - 35 USC § 102

5. The Examiner rejects claims 1-9, 11-14, 16, 18, and 20 under 35 U.S.C. § 102(b) as being anticipated by Mockapetris (RFC 1035, Domain Names - Implementation and Specification, November 1987).

6. In regard to claim 1, the Examiner asserts that Mockapetris discloses a distributed DNS system that discloses each and every limitation of the claimed invention. Applicant has amended claim 1 to more clearly point out and distinctly claim the elements of the invention that distinguish the invention from the disclosure of Mockapetris. In the claim as amended the second network server is configured to respond to a request for a peer device address of one of the first plurality of peer devices by querying the first network server. Mockapetris discloses that "the resolver either receives [from the name server] the desired information or a referral to another name server." Nothing in Mockapetris discloses that the name server responds to a request for an address of a peer device that is coupled to another network server by querying the other network server to obtain and return the address of the peer devices. Mockapetris merely discloses that the name server can do a maintenance query to transfer an entire foreign zone for the purposes of providing name database redundancy with message sequences that are somewhat different from those used for queries and responses. See Mockapetris, section 2.2.

7. In regard to claim 2, the Examiner asserts that Mockapetris discloses that if a name server does not know the information, it will contact another name server, with reference to section 2.1. Applicant is unable to find any disclosure that a name server will contact another name server in an attempt to respond to a query.

8. In regard to claim 3, applicant relies on the patentability of the claims from which this claim depends to traverse the rejection without prejudice to any further basis for patentability of this claim based on the additional elements recited.

9. In regard to claim 4, the Examiner asserts that access authorization is required inherently to access any server. Mockapetris discloses that designated secondary servers can acquire zones and check for updates from the primary server using the zone transfer protocol of the DNS.

Appl. No. 10/011,029
Amdt. dated 02/09/2006
Reply to Office Action of 08/09/2005

See Mockapetris, section 2.2. Mockapetris does not disclose that the secondary servers require access authorization from the primary server to acquire a zone.

10. In regard to claim 5, the Examiner asserts that Mockapetris further discloses a third plurality of peer devices that discloses the additional elements of claim 5. Applicant has amended claim 5 to more clearly point out and distinctly claim the elements of the invention that distinguish the invention from the disclosure of Mockapetris. In the claim as amended the third network server is configured to respond to a request for a peer device address of one of the first plurality of peer devices by querying the second network server. Mockapetris discloses that "the resolver either receives [from the name server] the desired information or a referral to another name server." Nothing in Mockapetris discloses that the name server responds to a request for an address of a peer device that is coupled to another network server by querying the other network server to obtain and return the address of the peer devices. Mockapetris merely discloses that the name server can do a maintenance query to transfer an entire foreign zone for the purposes of providing name database redundancy with message sequences that are somewhat different from those used for queries and responses. See Mockapetris, section 2.2.

11. In regard to claim 6, the Examiner asserts that Mockapetris discloses the additional elements of claim 6 in the same way that the additional elements of claim 5 are disclosed. Applicant respectfully submits that Mockapetris fails to disclose the additional elements of claim 6 in the same way that Mockapetris fails to disclose the additional elements of claim 5.

12. In regard to claim 7, the Examiner asserts that Mockapetris discloses the additional elements of claim 7 in the same way that the elements of claim 1 are disclosed. Applicant respectfully submits that Mockapetris fails to disclose the additional elements of claim 7 in the same way that Mockapetris fails to disclose the elements of claim 1.

13. The Examiner rejects claim 8 on the same basis as claim 1 and applicant likewise traverses the rejection on the same basis.

14. In regard to claim 9, applicant relies on the patentability of the claims from which this claim depends to traverse the rejection without prejudice to any further basis for patentability of this claim based on the additional elements recited.

15. The Examiner rejects claim 11 on the same basis as claim 2 and applicant likewise traverses the rejection on the same basis.

16. In regard to claim 12, applicant relies on the patentability of the claims from which this claim depends to traverse the rejection without prejudice to any further basis for patentability of this claim based on the additional elements recited.

17. The Examiner rejects claim 13 on the same basis as claim 4 and applicant likewise traverses the rejection on the same basis.

18. The Examiner rejects claim 14 on the same basis as claims 1 and 3 and applicant likewise traverses the rejection on the same basis.

Appl. No. 10/011,029
Amdt. dated 02/09/2006
Reply to Office Action of 08/09/2005

19. The Examiner rejects claim 16 on the same basis as claim 4 and applicant likewise traverses the rejection on the same basis.

20. In regard to claim 17, the Examiner asserts that Mockapetris further discloses wherein there is no common zone relationship between the first server and the second server, and derivative common zone name-to-address resolution is selectively permitted by a server having common zone relationships with the first server and the second server. The Examiner asserts that the redirection of requests through multiple servers as taught in Mockapetris discloses derivative common zone name-to-address resolution as claimed. Applicant respectfully disagrees. The redirection of requests through multiple servers as taught in Mockapetris merely provides the requestor with the address of another server when a server cannot return the requested address because the address is not for a device in the server's hierarchy. The claimed invention returns the requested address even though the address is not for a device in the server's hierarchy. Returning the requested address is distinctly different from returning the address of another server. The Examiner further asserts that selectively permitting access is inherent to a server which has access rights established on it. Applicant respectfully disagrees. What is claimed is selectively permitting derivative resolutions by a server having common zone relationships. Access right would merely permit or deny access to the server having the address to be resolved by the server having the common zone relationship. Clearly the server having the common zone relationship must have access to the server having the address to be resolved. Thus, the claimed element is that the server having the common zone relationship is able to selectively permit or deny access to the server having the address to be resolved. Conventional access rights do not provide for selective derivative access as claimed.

21. The Examiner rejects claim 18 on the same basis as claim 1 and applicant likewise traverses the rejection on the same basis.

22. The Examiner rejects claim 20 on the same basis as claim 3. Applicant respectfully traverses the rejection of claim 20 on the same basis as claim 4.

23. The Examiner rejects claim 21 on the same basis as claim 17 and applicant likewise traverses the rejection on the same basis.

Applicant respectfully requests that the Examiner withdraw the rejection of claims 1-9, 11-14, 16, 18, and 20 under 35 U.S.C. § 102(b) as being anticipated by Mockapetris.

Claim Rejections - 35 USC § 103

25. The Examiner rejects claims 10, 15 and 19 under 35 U.S.C. § 103(a) as being unpatentable over Mockapetris as applied to claims 8, 14 and 19 above, and further in view of Official Notice.

26. In regard to claims 10, 15 and 19, applicant relies on the patentability of the claims from which these claims depend to traverse the rejection without prejudice to any further basis for patentability of these claims based on the additional elements recited.

Appl. No. 10/011,029
Amdt. dated 02/09/2006
Reply to Office Action of 08/09/2005

Applicant respectfully requests that the Examiner withdraw the rejection of claims 10, 15 and 19 under 35 U.S.C. § 103(a) as being unpatentable over Mockapetris and Official Notice.

Conclusion

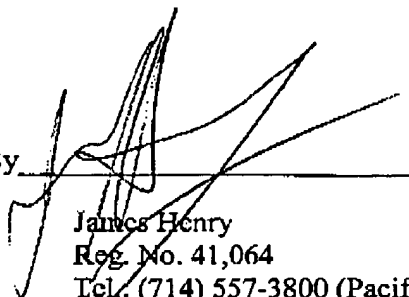
Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 02/09/2006

By


James Henry
Reg. No. 41,064
Tel. (714) 557-3800 (Pacific Coast)

Attachments
4 Sheets of Replacement Drawings

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.84)

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☐ deposited with the United States Postal Service
as first class mail in an envelope addressed to:
Commissioner for Patents, PO Box 1450,
Alexandria, VA 22313-1450.

FACSIMILE

☒ transmitted by facsimile to the Patent and
Trademark Office.

Date: «02/09/2006»


Colette Angle

Date : «02/09/2006»